

RFP & Railroad Company

157297

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**WESTERN RESPONSE
SECTION**

November 13, 1994

Mr. Jeff Dodd (3HW33)
United States Environmental Protection Agency - Region III
Removal Enforcement Section
303 Methodist Building
11th and Chapline Streets
Wheeling, West Virginia 26003

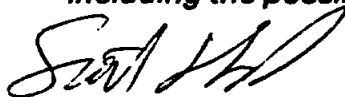
RE: Potomac Yard Site, Monthly Progress Report No. 30 - EPA Docket No. III-92-61-DC

Dear Mr. Dodd:

Enclosed please find the Monthly Progress Report No. 30 for the above-referenced project. Richmond, Fredericksburg, and Potomac Railroad Company is submitting this report as required in Section 8.7 of the Administrative Order by Consent (AOC).

This progress report covers a month period beginning on Saturday, October 1, 1994, and ending on Monday, October 31, 1994. If you have any questions concerning this report or any aspect of the project, please me your earliest convenience.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Scott A. Slagley
Project Coordinator

Enclosure

cc: C. Martin, Esq.
C. Flippo, ETI
E. Wingert (3HW41)
W. Skrabak

C. Sales
J. Becker
H. Light
J.C. Curry
K. Brinker

AR107851

PROGRESS REPORT NO. 30

**RICHMOND, FREDERICKSBURG
AND POTOMAC RAILROAD COMPANY**

THE POTOMAC YARD SITE

EPA DOCKET NO. III-92-61-DC

Reporting Period:

October 1 through October 31, 1994

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**WESTERN RESPONSE
SECTION**

**ENVIRONMENTAL TECHNOLOGY
OF NORTH AMERICA, INC.**

**2229 Tomlynn Street
Richmond, Virginia 23230
(804) 358-5400**



AR107852

PROGRESS REPORT NO. 30

RICHMOND, FREDERICKSBURG AND POTOMAC RAILROAD COMPANY

THE POTOMAC YARD SITE

EPA DOCKET NO. III-92-61-DC

Reporting Period: October 1, 1994, through October 31, 1994

WORK COMPLETED

Extent of Contamination Study (ECS)

RF&P received EPA's letter approving the *Work Plan Addendum* with modifications on October 26, 1994.

Meetings

A site visit was held with personnel from EPA, NOAA, the U.S. Fish & Wildlife Service, City of Alexandria, and Arlington County on October 3, 1994. RF&P met again with EPA and NOAA on October 13, 1994 to discuss the *ECS Work Plan Addendum*.

A monthly progress meeting was held between RF&P, ETI and representatives of the City of Alexandria on October 18, 1994. EPA personnel did not attend.

Free Product Recovery

ETI continues to remove free product from wells at TW-7 and TW-4 using the free product recovery system. Hand bailing of other wells with significant free product levels continued during this period. Attached is a Free Product Recovery Report for October 1994 which details the amount of material recovered.

Site Maintenance

Routine maintenance of the Free Product Recovery system took place. The pumps were not operating properly at the end of the month and were returned to the manufacturer for repairs.

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DATA ANTICIPATED AND ACTIVITIES SCHEDULED

Extent of Contamination Study (ECS)

Work continues on the evaluation of data generated to date as part of the ECS. RF&P will contact EPA for clarification of certain modifications included in the October 25, 1994 EPA letter approving the *ECS Work Plan Addendum*. RF&P will submit required changes to the *ECS Work Plan Addendum* by November 25, 1994.

Free Product Recovery

The operation of the free product recovery system will be evaluated and recommendations for system modifications will be considered by RF&P.

Site Maintenance

Routine maintenance checks will be made during scheduled field activities.

PROBLEMS ENCOUNTERED OR ANTICIPATED

None.

PREVENTIVE OR MITIGATIVE ACTIONS

RF&P and ETI will continue to monitor the former pond areas for erosion problems. Any problems identified will be corrected by instituting appropriate erosion and sediment control measures.

MODIFICATIONS MADE IN ACCORDANCE WITH CONSENT ORDER SECTION XVII

None.



Environmental Technology of North America, Inc.

A HazWaste Company

November 4, 1994

Mr. Jay Green
Virginia Department of Environmental Quality - Water Division
Northern Regional Office
1519 Davis Ford Road
Woodbridge, Virginia 22192

RE: Free Product Removal Report, RF&P's Potomac Yard, Alexandria, Virginia
PC No. 91-1668
ETI Job No. 1116-006-02

Dear Mr. Green:

Enclosed is the Free Product Removal Report for the subject site as required by Part V, Section 6.5 of VR 680-13-02. Monitoring wells were gauged on a weekly basis with an electronic interface probe to determine product thickness.

Free product continues to be recovered from the site through hand bailing of selected wells and a free product recovery system which utilizes two pumps. To date a total of approximately 1,542 gallons of free product have been recovered from 12 wells. This includes 275 gallons removed during a free product recovery test, 413.32 gallons removed through bailing, and 853.68 gallons removed with the free product recovery system. The free product has consisted of diesel fuel in varying degrees of degradation.

Attempts have been made to rectify some apparently inconsistent readings for the cumulative product totals in the free product recovery tanks. The tanks have been checked for any signs of leakage, standardized measurement methods have been instituted, and the pumps and interface probes are being checked and/or repaired to ensure their proper operation. Due to low recovery totals, hand bailing of wells in the area will be performed only if the well shows a product level greater than 1 foot in depth. Bailing frequency will be reduced to approximately once a month.

If you have any questions, or require further assistance, please contact me at (804) 358-5400.

Sincerely,

Ryan D. Paris
Environmental Technician

ed:mtr

Enclosure

cc: Scott Slagley, RF&P
Jeff Dodd, EPA

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FAX 804-358-6868

ATLANTA • BOWLING GREEN • CHARLESTON • GREENSBORO • ORLANDO • RICHMOND • ROANOKE • WOODBRIDGE

AR107855

WELL NUMBER	DATE	DEPTH TO FLUID	DEPTH TO WATER	PRODUCT THICKNESS (feet)	QUANTITY WATER RECOVD (gallons)	QUANTITY PRODUCT RECOVD (gallons)
MW-18	10-4-94	9.28	9.28	0.00	0.00	0.00
	10-10-94	9.65	9.65	0.00	0.00	0.00
	10-17-94	9.69	9.69	0.00	0.00	0.00
	10-24-94	9.96	9.96	0.00	0.00	0.00
	10-31-94	10.11	10.11	0.00	0.00	0.00
		Previous Total			3.15	0.10
		TOTAL TO DATE			3.15	0.10
MW-25	10-4-94	15.18	15.23	0.05	0.00	0.00
	10-10-94	15.43	15.40	0.06	0.00	0.00
	10-17-94	15.74	15.85	0.11	0.00	0.00
	10-24-94	15.78	15.78	0.00	0.00	0.00
	10-31-94	15.98	16.01	0.03	0.00	0.00
		Previous Total			62.10	69.55
		TOTAL TO DATE			62.10	69.55
MW-27	10-4-94	13.73	13.73	0.00	0.00	0.00
	10-10-94	13.98	13.98	0.00	0.00	0.00
	10-17-94	14.97	14.97	0.00	0.00	0.00
	10-24-94	13.97	13.97	0.00	0.00	0.00
	10-31-94	13.95	13.95	0.00	0.00	0.00
		Previous Total			1.40	1.01
		TOTAL TO DATE			1.40	1.01
MW-33	10-4-94	15.05	15.05	0.00	0.00	0.00
	10-10-94	15.25	15.25	0.00	0.00	0.00
	10-17-94	15.39	15.39	0.00	0.00	0.00
	10-24-94	15.45	15.45	0.00	0.00	0.00
	10-31-94	15.54	15.54	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
MW-34	10-4-94	13.86	14.27	0.41	0.00	0.00
	10-10-94	14.20	14.56	0.36	0.00	0.00
	10-17-94	14.57	15.07	0.50	0.00	0.00
	10-24-94	14.05	14.62	0.57	0.00	0.00
	10-31-94	14.45	15.30	0.85	0.00	0.00
		Previous Total			5.35	0.29
		TOTAL TO DATE			5.35	0.29
GW-64	10-4-94	14.98	14.98	0.00	0.00	0.00
	10-10-94	14.20	14.56	0.36	0.00	0.00
	10-17-94	15.40	15.40	0.00	0.00	0.00
	10-24-94	15.46	15.46	0.00	0.00	0.00
	10-31-94	15.46	15.46	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00

AR107856

WELL NUMBER	DATE	DEPTH TO FLUID	DEPTH TO WATER	PRODUCT THICKNESS (feet)	QUANTITY WATER RECOVD (gallons)	QUANTITY PRODUCT RECOVD (gallons)
TW-1	10-4-94	15.35	15.35	0.00	0.00	0.00
	10-10-94	15.55	15.55	0.00	0.00	0.00
	10-17-94	15.67	15.67	0.00	0.00	0.00
	10-24-94	15.77	15.77	0.00	0.00	0.00
	10-31-94	15.89	15.89	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-2	10-4-94	14.75	14.75	0.00	0.00	0.00
	10-10-94	14.98	14.98	0.00	0.00	0.00
	10-17-94	15.15	15.15	0.00	0.00	0.00
	10-24-94	15.21	15.21	0.00	0.00	0.00
	10-31-94	15.18	15.18	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-3	10-4-94	10.19	10.19	0.00	0.00	0.00
	10-10-94	10.92	10.92	0.00	0.00	0.00
	10-17-94	11.48	11.48	0.00	0.00	0.00
	10-24-94	9.98	9.98	0.00	0.00	0.00
	10-31-94	11.41	11.41	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-4	10-4-94	13.50	14.36	0.79	0.00	-3.75
	10-10-94	13.60	14.63	0.83	0.00	9.39
	10-17-94	14.33	15.20	0.87	0.00	-2.79
	10-24-94	14.06	14.96	0.88	0.00	-0.06
	10-31-94	14.35	15.26	0.91	0.00	0.00
		Previous Total			2970.00	69.56
		TOTAL TO DATE			2970.00	72.36
TW-5	10-4-94	11.44	11.75	0.23	0.00	0.00
	10-10-94	11.65	11.90	0.16	0.00	0.00
	10-17-94	11.65	12.20	0.34	0.00	0.00
	10-24-94	11.71	12.08	0.37	0.00	0.00
	10-31-94	11.80	12.15	0.37	0.00	0.00
		Previous Total			8640.00	148.00
		TOTAL TO DATE			8640.00	148.00
TW-6	10-4-94	12.92	13.29	0.37	0.00	0.00
	10-10-94	13.19	13.56	0.37	0.00	0.00
	10-17-94	13.55	13.95	0.41	0.00	0.00
	10-24-94	12.66	13.26	0.40	0.00	0.00
	10-31-94	13.44	13.83	0.39	0.00	0.00
		Previous Total			0.00	136.51
		TOTAL TO DATE			0.00	136.51
TW-7	10-4-94	9.49	10.05	1.16	0.00	-0.93
	10-10-94	9.78	11.07	1.29	0.00	3.78
	10-17-94	10.03	11.43	1.40	0.00	-5.99
	10-24-94	9.93	11.37	1.44	0.00	2.79
	10-31-94	10.06	11.60	1.64	0.00	-1.89
		Previous Total			0.00	440.48
		TOTAL TO DATE			0.00	435.62
TW-8	10-4-94	12.01	12.01	0.00	0.00	0.00
	10-10-94	12.31	12.31	0.00	0.00	0.00
	10-17-94	12.59	12.59	0.00	0.00	0.00
	10-24-94	12.54	12.54	0.00	0.00	0.00
	10-31-94	12.66	12.66	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00

AR107857

WELL NUMBER	DATE	DEPTH TO FLUID	DEPTH TO WATER	PRODUCT THICKNESS (feet)	QUANTITY WATER RECOVD (gallons)	QUANTITY PRODUCT RECOVD (gallons)
TW-8R	10-4-94	10.50	11.84	0.50	0.00	0.00
	10-10-94	10.78	12.22	1.44	0.00	0.00
	10-17-94	10.93	12.09	1.75	0.00	0.00
	10-24-94	10.89	12.64	1.75	0.00	0.00
	10-31-94	10.92	12.61	1.89	0.00	16.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	16.00
TW-10	10-4-94	13.23	13.33	0.10	0.00	0.00
	10-10-94	13.40	13.58	0.09	0.00	0.00
	10-17-94	13.62	13.62	0.10	0.00	0.00
	10-24-94	13.65	13.73	0.06	0.00	0.00
	10-31-94	13.65	13.93	0.07	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-11	10-4-94	14.22	14.22	0.00	0.00	0.00
	10-10-94	14.38	14.38	0.00	0.00	0.00
	10-17-94	14.58	14.58	0.00	0.00	0.00
	10-24-94	14.44	14.44	0.00	0.00	0.00
	10-31-94	14.65	14.65	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-12	10-4-94	11.95	12.04	0.09	0.00	0.00
	10-10-94	12.17	12.25	0.09	0.00	0.00
	10-17-94	12.35	12.45	0.10	0.00	0.00
	10-24-94	12.34	12.44	0.10	0.00	0.00
	10-31-94	12.40	12.50	0.10	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-13	10-4-94	14.16	15.04	0.66	0.00	0.00
	10-10-94	14.49	15.41	0.92	0.00	0.00
	10-17-94	14.75	15.75	1.00	0.00	0.00
	10-24-94	14.62	15.55	0.94	0.00	0.00
	10-31-94	14.82	15.63	1.01	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TW-14	10-4-94	11.68	11.68	0.00	0.00	0.00
	10-10-94	12.34	12.34	0.00	0.00	0.00
	10-17-94	13.20	13.20	0.00	0.00	0.00
	10-24-94	16.13	16.13	0.00	0.00	0.00
	10-31-94	12.65	12.65	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
FPP-1	10-4-94	10.02	11.20	1.18	0.00	0.00
	10-10-94	10.42	11.68	1.25	0.00	0.00
	10-17-94	10.70	12.93	1.63	0.00	0.00
	10-24-94	10.51	12.61	2.10	0.00	0.00
	10-31-94	10.43	12.62	2.19	0.00	0.00
		Previous Total			0.00	1.19
		TOTAL TO DATE			0.00	1.19
FPP-2	10-4-94	11.13	15.34	4.21	0.00	0.00
	10-10-94	11.55	15.25	3.71	0.00	0.00
	10-17-94	11.82	15.14	3.32	0.00	0.00
	10-24-94	11.73	15.25	3.52	0.00	0.00
	10-31-94	11.95	15.11	3.16	0.00	0.00
		Previous Total			0.00	3.75
		TOTAL TO DATE			0.00	3.75
FPP-3	10-4-94	12.08	12.10	0.02	0.00	0.00
	10-10-94	12.09	12.09	0.00	0.00	0.00
	10-17-94	12.12	Well Dry	0.00	0.00	0.00
	10-24-94	12.09	12.09	0.00	0.00	0.00
	10-31-94	Well Dry	Well Dry	0.00	0.00	0.00
		Previous Total			0.00	0.00
		TOTAL TO DATE			0.00	0.00
TOTAL RECOVERED AT THE SITE TO DATE (gal)					13722.34	1257.0

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